

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



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For Week Ending: June 8, 2003
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NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
ND AG WEATHER NETWORK (NDAWN) and
UND AEROSPACE REGIONAL WEATHER
INFORMATION CENTER

General: Sporadic showers last week made spraying difficult across most of the state, according to the North Dakota Agricultural Statistics Service. Spraying for broadleaf weeds and wild oats are 42 percent and 49 percent complete, respectively. Weather permitting, most producers will finish planting this week. A statewide average of 4.4 days were suitable for fieldwork last week.

Statewide average topsoil moisture supplies as of June 8, were rated 0 percent very short, 6 short, 81 adequate, and 13 surplus compared to 13 percent very short, 20 short, 55 adequate and 12 surplus last year.

Crops: General comments indicate that crops look good in most areas of the state, but warm weather is needed for development. Over ninety percent of the barley, oats, and spring wheat crops had emerged by June 8, slightly ahead of the five-year (1998-2002) average. Eighty-six percent of the spring wheat crop was rated good to excellent compared to 65 percent good to excellent at this time last year.

As of June 8, 90 percent of the dry edible beans had been planted compared with 96 percent planted last year. The corn crop was 91 percent emerged compared to 92 percent the previous year and the five-year average of 87 percent with 85 percent of the crop rated good to excellent. Sixty-one percent of the soybean acres had emerged compared to last week's 26 percent with 91 percent of the crop rated good to excellent. Canola was 88 percent emerged, slightly behind last year and the five-year average. The flaxseed crop was 77 percent emerged, also behind last year and the five-year average. Eighty-five percent of the sunflower crop was planted compared to 91 percent planted last year while 37 percent had emerged compared to 34 percent emerged last year.

Livestock: Pasture and rangeland condition ratings continue to improve from last year with 1 percent rated very poor, 8 poor, 30 fair, 51 good and 10

excellent compared to 10 percent very poor, 28 poor, 40 fair, 21 good and 1 excellent on June 9, 2002. Stockwater supplies were rated 1 percent very short, 8 short, 87 adequate and 4 surplus compared to 2 percent very short, 13 short, 81 adequate and 4 surplus on June 9, 2002. The hay crop was rated 1 percent very poor, 8 poor, 32 fair, 47 good and 12 excellent. Producers are just starting haying with 1 percent of the alfalfa complete.

Crop Development Progress ^{1/} June 8, 2003 with Comparisons				
Crop	This Week	Last Week	Last Year	1998-02 Avg.
(Percent)				
BARLEY				
Emerged	93	83	91	88
Jointing	22	7	12	22
DURUM WHEAT				
Planted	96	88	94	93
Emerged	80	63	78	80
Jointing	11	6	3	9
HRS WHEAT				
Emerged	93	83	90	90
Jointing	25	12	18	27
OATS				
Emerged	93	80	89	91
Jointing	20	8	22	28
CANOLA				
Planted	98	93	100	96
Emerged	88	75	93	90
Rosette	20	7	9	24
CORN				
Emerged	91	72	92	87
DRY EDIBLE BEANS				
Planted	90	64	96	90
Emerged	43	16	46	58
FLAXSEED				
Planted	95	86	99	95
Emerged	77	56	85	83
POTATOES				
Planted	93	85	99	98
Emerged	40	31	71	67
SOYBEANS				
Planted	95	81	98	93
Emerged	61	26	76	72
SUGARBEETS				
Emerged	96	85	87	95
SUNFLOWER				
Planted	85	64	91	85
Emerged	37	17	34	44

^{1/} Crop development percents represent all acreage in or beyond each stage.
NA = Not Available

Crop Condition Week Ending June 8, 2003					
Crop	Very Poor	Poor	Fair	Good	Excellent
(Percent)					
Barley	0	0	12	64	24
Durum Wheat	0	0	20	73	7
HRS Wheat	0	1	13	61	25
Oats	0	0	15	71	14
Canola	0	1	19	59	21
Corn, All	0	1	14	73	12
Flaxseed	0	0	21	67	12
Soybeans	0	0	9	63	28
Sugarbeets	0	1	18	61	20

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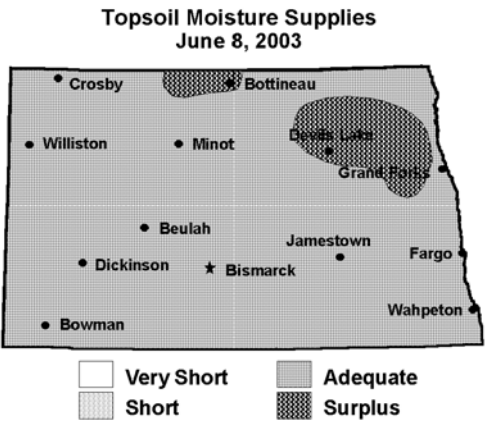
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NORTH DAKOTA CROP WEATHER REPORT, Week Ending June 8, 2003

Page Two

Soil Moisture: North Dakota, June 8, 2003

Date	V. Short	Short	Adq.	Surplus
(Percent)				
TOPSOIL				
This Week	0	6	81	13
Last Week	2	9	80	9
Last Year	13	20	55	12
98-02 Avg	8	16	65	11
SUBSOIL				
This Week	4	13	71	12
Last Week	4	12	74	10
Last Year	6	22	67	5
98-02 Avg	5	14	70	11



Weather: Cooler temperatures prevailed this past week. Overall average temperatures were well below normal for this time of year. The maximum high temperatures for the week ranged from 67 to 78, much cooler than the week prior where highs reached the 80s and in some places the 90s. Overnight lows still dropped into the upper 30s in a couple places; otherwise, lows were in the 40s and a few low 50s.

The entire state received some precipitation last week, but many places are still below normal for rainfall this time of year. Precipitation amounts ranged from 0.13 of an inch to as much as 1.39 inches. Most of the state received over 0.50 of an inch of rain for the week. Areas below normal for precipitation include most of the northwest, north central, Forest River and Cando in the northeast, most of the west central (excluding Turtle Lake), Fargo, the southwest and Linton.

Outlook, June 9-15: Anticipating a cool start to the week then warming nicely by midweek with warm June weather to persist through the weekend. Expect temperatures to hover around the mid-60s in the north to low 70s in the south Monday and Tuesday. By Wednesday temperatures will climb into the 70s across the state, with warmer temperatures in the south. Thursday will usher in mid-to-upper 70s in the north, west central and southwest while 80s are on tap for the rest of the state. Eighties are in store for Friday and the weekend.

Expect showers and thunderstorms Monday in the west and central part of the state with a chance of showers central and east Monday night. The next chance for precipitation comes Wednesday. Rainfall amounts for the week in the west and most of the south could reach 0.50 of an inch with less the further south and west you go. Northern and eastern North Dakota could see rainfall amounts up to 1.00 inch, especially in north central part of the state with less rainfall further south and east.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending June 8, 2003

District Averages	Average Temperature		Seasonal Precipitation Beginning March 29		
	Past Week	Depart Normal ^{1/}	Past Week	Total	Depart Normal ^{1/}
(Degrees F)			(Inches)		
Northwest (1)	59	-3	0.55	3.68	-0.79
N. Central (2)	62	-1	0.35	3.04	-1.51
Northeast (3)	60	-3	0.57	4.51	0.09
W. Central (4)	56	-8	0.41	4.49	-0.39
Central (5)	59	-5	0.54	6.28	1.51
E. Central (6)	61	-3	0.69	5.59	0.52
Southwest (7)	55	-7	0.80	4.40	-0.88
S. Central (8)	56	-8	0.79	5.39	0.60
Southeast (9)	59	-5	0.49	6.39	1.45

^{1/} Normal is the 1961-90 average. NA = Not Available.
Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending June 8, 2003

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning March 29		
	High	Low	Past Week	Total	Depart Normal ^{1/}
(Degrees F)			(Inches)		
(1) Bowbells	73	45	0.25	2.48	-1.92
Williston	71	46	0.80	4.00	0.09
Mohall	75	44	0.64	3.75	-0.85
Minot	74	46	0.50	4.48	-0.47
(2) Baker	74	51	0.64	3.81	-1.19
Bottineau	77	45	0.13	2.44	-1.97
Towner	78	46	0.28	2.86	-1.37
(3) Cando	75	46	0.62	3.72	-0.45
Cavalier	75	44	0.56	4.77	0.18
Forest River	77	47	0.32	4.20	-0.50
Grand Forks	77	47	0.37	4.86	0.48
Langdon	73	44	0.64	4.13	0.18
St. Thomas	75	45	0.93	5.36	0.66
(4) Hazen	70	38	0.17	4.41	-0.81
Turtle Lake	69	43	0.62	5.71	0.87
Watford City	69	47	0.45	3.35	-1.23
(5) Carrington	73	46	0.46	4.89	0.06
Harvey	72	50	0.18	5.92	0.87
Jamestown	72	45	0.82	8.29	4.06
Robinson	70	45	0.63	6.56	1.83
Streeter	71	44	0.59	5.76	0.74
(6) Dazey	74	48	0.90	5.84	0.82
Fargo	75	51	0.18	5.00	-0.05
Hillsboro	74	46	0.98	5.93	0.79
(7) Beach	71	44	1.39	4.83	0.15
Bowman	69	42	0.54	4.28	-0.89
Dickinson	68	42	0.71	4.10	-1.37
Hettinger	67	37	0.57	4.39	-1.39
(8) Mandan	70	41	1.02	6.59	2.05
Linton	70	43	0.56	4.19	-0.86
(9) Edgeley	71	48	1.03	7.60	2.58
Oakes	73	49	0.28	6.80	1.75
Wyndmere	70	48	0.16	4.78	0.03

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